

CLAIMS:

1. (Currently Amended): A method for network communication ~~controlled by a network server over a network using a connection-oriented protocol with a network client, wherein the network server has a first server configuration and the network client has a client configuration~~, the method comprising the steps of:

establishing a connection between a network server and a network client, wherein the connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the network server, and wherein the first server configuration comprises a set of server parameters specific to a network application that the network server provides to the network client;

~~detecting~~ identifying the network client configuration;

~~replacing, in the memory of the network server, said first server configuration with a second server configuration;~~

~~responsive to a determination that the client configuration is incompatible with the second server configuration, disconnecting the network client.~~

2. (Original): The method of claim 1 wherein the connection-oriented protocol is provided over a network connection using a connectionless protocol.

3. (Original): The method of claim 1 wherein the determination that the client configuration is incompatible with the second server configuration is determined by the network server.

4. (Currently Amended): The method of claim 1, wherein the network client has a network client configuration stored in a memory of the network client, and wherein the network client configuration comprises a set of client parameters specific to the network application for the corresponding network client, and wherein the ~~detecting~~ step identifying the network client configuration further comprises the step of receiving a message at the network server, wherein the message includes the network client configuration.

5. (Original): The method of claim 1 wherein the client configuration, the first server configuration and the second server configuration include data compression parameters.

6. (Original): The method of claim 1 wherein the client configuration, the first server configuration and the second server configuration include data encryption parameters.

7. (Original): The method of claim 1 wherein the client configuration, the first server configuration and the second server configuration include signal strength parameters.

8. (Original): The method of claim 1 wherein the client configuration, the first server configuration and the second server configuration include data communication speed parameters.

9. (Original): The method of claim 1 wherein the client configuration, the first server configuration and the second server configuration include media encoding parameters.

10. (Original): The method of claim 1 wherein the client configuration, the first server configuration and the second server configuration include business application parameters.

11-13. (Canceled)

14. (New): The method of claim 1, wherein identifying the network client configuration comprises:

 sending sampling network messages from the network server to the network client;

 receiving responses from the network client, wherein the responses are responsive to the sampling network messages; and

 determining the network configuration based on the responses.

15. (New): A method, in a network server, for network communication, the method comprising:

- establishing connections between the network server and a plurality of network clients, wherein each connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the network server, wherein the first server configuration comprises a set of server parameters specific to a network application that the network server provides to the plurality of network clients, wherein each of the plurality of network clients has a corresponding client configuration stored in a memory of the corresponding network client, and wherein each client configuration comprises a set of client parameters specific to the network application for the corresponding network client;

- storing a copy of each client configuration in a memory of the network server;

- replacing the first server configuration with a second server configuration in the memory of the network server, wherein the second server configuration changes at least one server parameter specific to the network application;

- responsive to replacing the first server configuration with the second server configuration, determining whether the client configuration of each of the plurality of network clients is incompatible with the second server configuration;

- identifying a subset of the plurality of network clients that have a corresponding client configuration that is incompatible with the second server configuration;

- disconnecting the subset of the plurality of network clients from the network server; and

- providing the network application to remaining network clients that are still connected to the network server using the connection-oriented protocol.

16. (New): The method of claim 15, wherein the connection-oriented protocol is provided using a connectionless protocol.

17. (New): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include data compression parameters.

18. (New): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include data encryption parameters.

19. (New): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include signal strength parameters.

20. (New): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include data communication speed parameters.

21. (New): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include media encoding parameters.

22. (New): The method of claim 15, wherein the client configuration, the first server configuration and the second server configuration include business application parameters.

23. (New): A method, in a network server, for providing a streaming video application, the method comprising:

- establishing connections between the network server and a plurality of network clients, wherein each connection is established using a connection-oriented protocol, wherein the network server has a first server configuration stored in a memory of the network server, wherein the first server configuration comprises a frame rate parameter specific to a streaming video application that the network server provides to the plurality of network clients;

- detecting a corresponding client configuration for each of the plurality of network clients, wherein each client configuration comprises a maximum frame rate parameter specific to the streaming video application for the corresponding network client;

- storing a copy of each client configuration in a memory of the network server;

replacing the first server configuration with a second server configuration in the memory of the network server, wherein the second server configuration changes the frame rate parameter specific to the streaming video application;

responsive to replacing the first server configuration with the second server configuration, determining whether the client configuration of each of the plurality of network clients is incompatible with the second server configuration;

identifying a subset of the plurality of network clients that have a corresponding client configuration that is incompatible with the second server configuration;

disconnecting the subset of the plurality of network clients from the network server; and

providing the streaming video application to remaining network clients that are still connected to the network server using the connection-oriented protocol.